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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/539,372	06/16/2005	Scott Martin Sheehan	X15072	4278
25885 ELI LILLY & (7590 03/06/200 COMPANY	EXAMINER		
PATENT DIVI	SION	BERNHARDT, EMILY B		
P.O. BOX 6288 INDIANAPOLIS, IN 46206-6288			ART UNIT	PAPER NUMBER
			1624	
			NOTIFICATION DATE	DELIVERY MODE
			03/06/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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patents@lilly.com

	Application No.	Applicant(s)			
	10/539,372	SHEEHAN ET AL.			
Office Action Summary	Examiner	Art Unit			
	Emily Bernhardt	1624			
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address			
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).			
Status					
1) ☐ Responsive to communication(s) filed on <u>08 Fe</u> 2a) ☐ This action is FINAL . 2b) ☐ This 3) ☐ Since this application is in condition for allowant closed in accordance with the practice under E	action is non-final. nce except for formal matters, pro				
Disposition of Claims					
4) Claim(s) 1,2,4-15,18-23,26 and 27 is/are pendiday of the above claim(s) is/are withdraw 5) Claim(s) is/are allowed. 6) Claim(s) 1,7,9,13-15,18 and 20 is/are rejected. 7) Claim(s) 2,4-6,8,10-12,19,23 and 27 is/are objection claim(s) are subject to restriction and/or Application Papers 9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) access Applicant may not request that any objection to the content of	vn from consideration. ected to. r election requirement. r. epted or b) □ objected to by the B				
Replacement drawing sheet(s) including the correcti					
	anniner. Note the attached Office	Action of formal 10-132.			
Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some color None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.					
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 6/16/05.	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:	nte			

Applicant's election without traverse of Group II in the reply filed on 2/8/08 is acknowledged. While the claims have been amended to the elected subject matter, the additional processes recited in claim 21 are held withdrawn pending allowable compound claims consistent with the PTO's rejoinder policy.

Claims 22 and 23 are objected to under 37 CFR 1.75(c), as being of improper dependent form for failing to further limit the subject matter of a previous claim. Applicant is required to cancel the claim(s), or amend the claim(s) to place the claim(s) in proper dependent form, or rewrite the claim(s) in independent form. The claims are directed to starting materials and thus reliance on variables set forth in claim 1 is improper as the claim does not include said compounds.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1,7,9,13-15,18,20,21 and 26 are rejected under 35 U.S.C. 103(a)

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as being unpatentable over Mashkovsky (NPL article and EP'256). Mashkovsky in both references teaches very similar compounds to that claimed herein that possess antiarrhthymic activity and are thus useful for treating ischemic heart disease which is covered by applicants' method claim. See formula I on p.2 and uses on 2 and 4. Closest compound in EP'256 is example 3 which differs from that claimed herein in having a Br vs instant Cl at X⁴. Note that Mashkovsky teaches all types of halos at this position as can be seen in the definition for R1 on p.2. The Mashkovsky article (provided as an English translation) additionally describes a compound, namely compound 20 in Table 1 on p.5 which differs from that claimed herein in being a position isomer that is having 2,3 dichlorophenyl vs. instant 3,4. Thus the compounds are position isomers. Position isomers are not deemed patentably distinct absent evidence of superior. and unexpected results. See In re Crounse 150 USPQ 554; Ex parte Engelhardt 208 USPQ 343 regarding position isomerism. Additionally, the process of claim 21 is taught as the sole process to make compounds in EP'256. See reaction scheme involving formula II and III on pp.2-3.

Thus it would have been obvious to one skilled in the art at the time the invention was made to expect instant 4-Cl phenyl and 3,4

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dichlorophenyl derivatives to also possess the uses taught by the applied art in view of the close structural similarity as well as equivalency teaching outlined above and their preparation via the instant process an obvious expedient.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 22 is rejected under 35 U.S.C. 102(b) as being anticipated by Mashkovsky (EP'256). The product of example 3 discussed above is described as being made in the same manner as example 1 which uses the appropriate starting material of formula II. Thus to make example 3 the corresponding piperidin-1-yl compound was necessarily used and thus is implicitly described in the EP publication.

Claims 2,4-6,8,10-12,19,23 and 27 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and

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any intervening claims. The structural features embarced in these claims is not particularly taught or suggested by the closest art applied above.

Applicants' IDS filed 6/16/05 has been considered. While refs. B1 and B5 were not provided by the International Bureau they were available online.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Emily Bernhardt whose telephone number is 571-272-0664.

If attempts to reach the examiner by telephone are unsuccessful, the acting supervisor for AU 1624, James O. Wilson can be reached at 571-272-0661. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Emily Bernhardt/
Primary Examiner, Art Unit
1624

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